

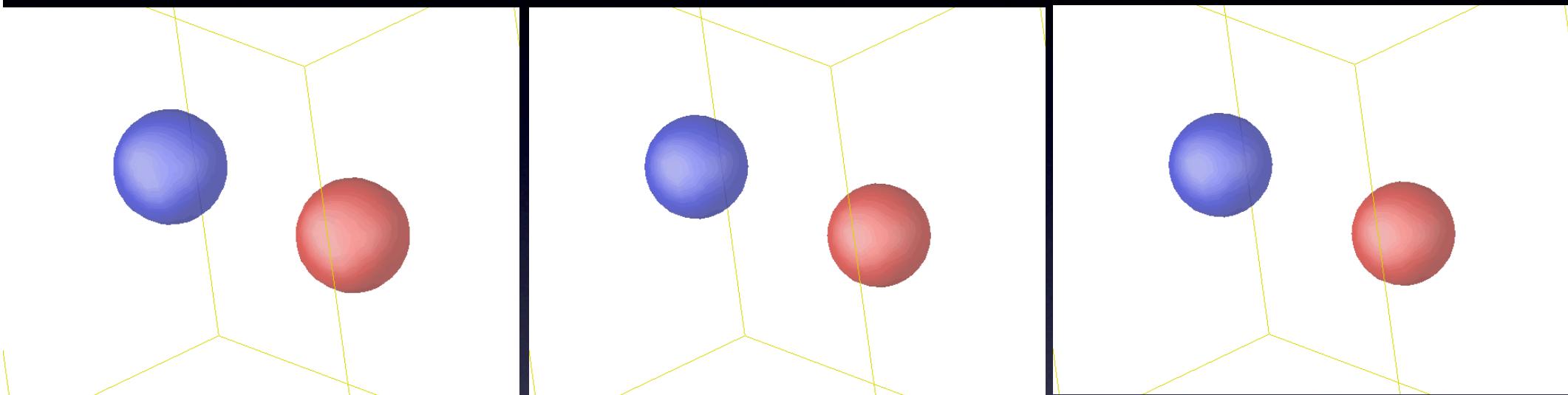
Deep-inelastic collisions

$^{40}\text{Ca} + ^{40}\text{Ca}$ at $E_{\text{cm}} = 128 \text{ MeV}$

$L=80\hbar$

$L=70\hbar$

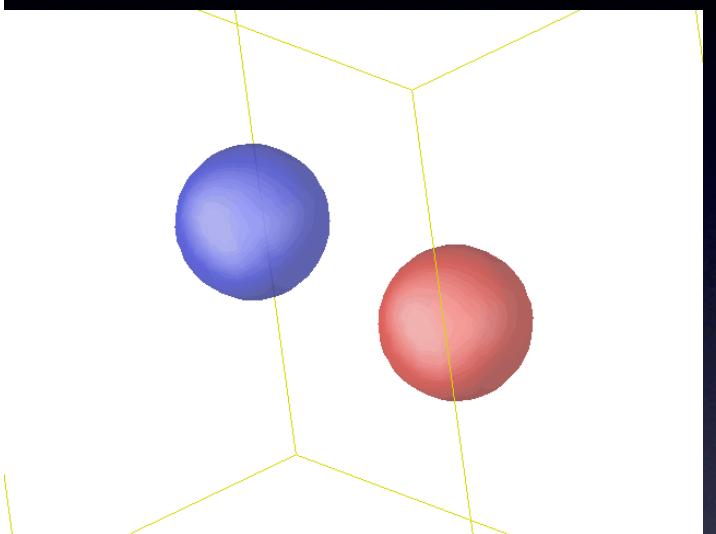
$L=60\hbar$



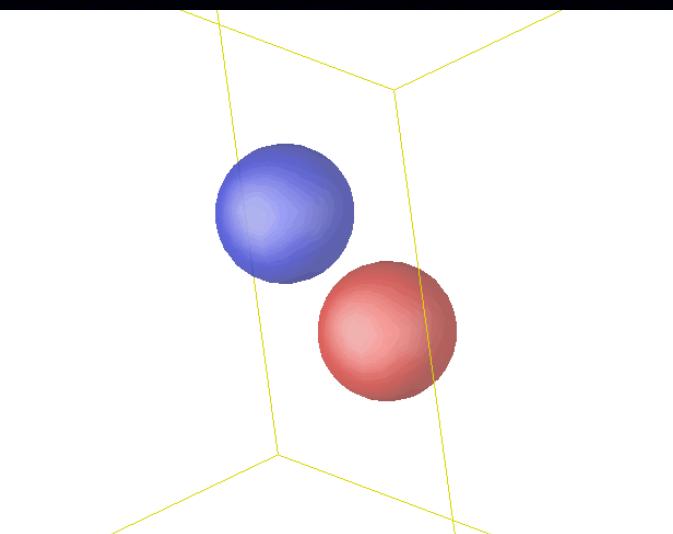
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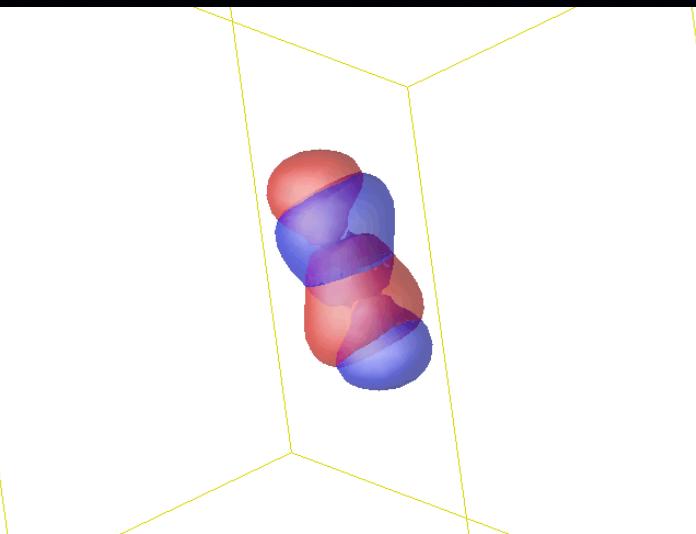
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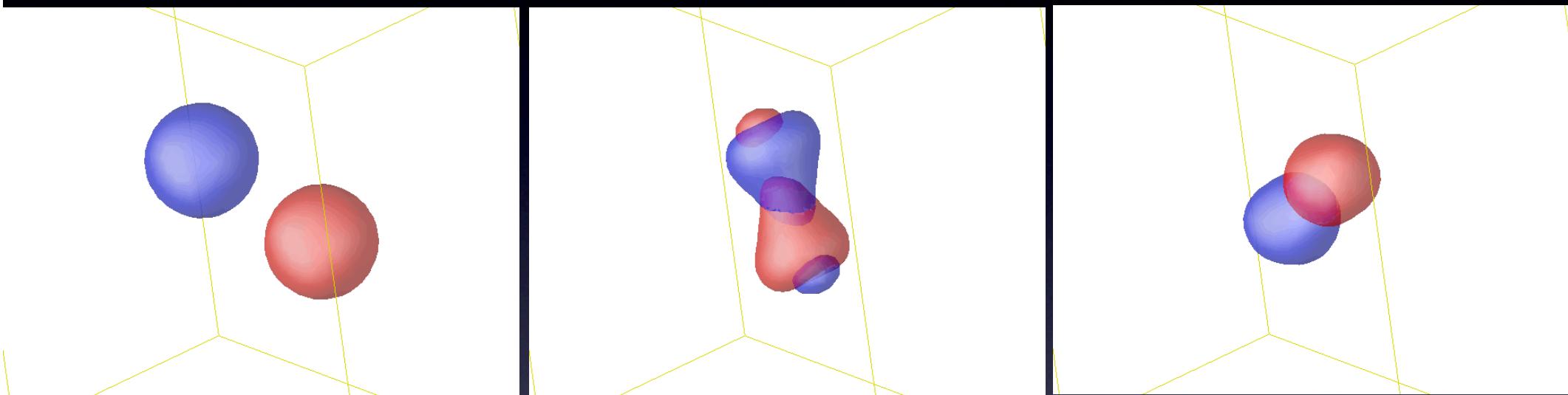
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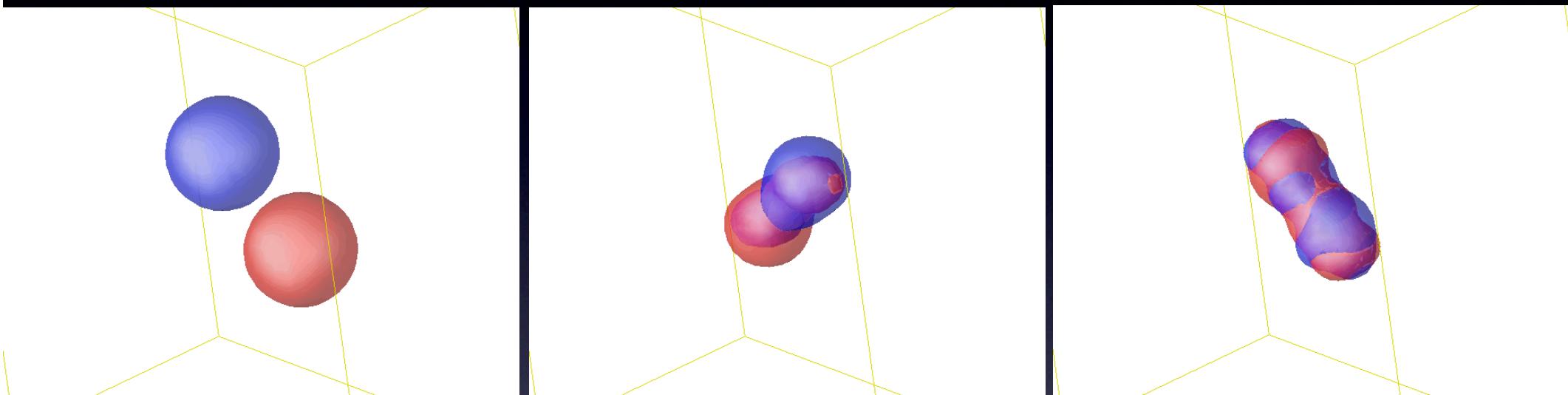
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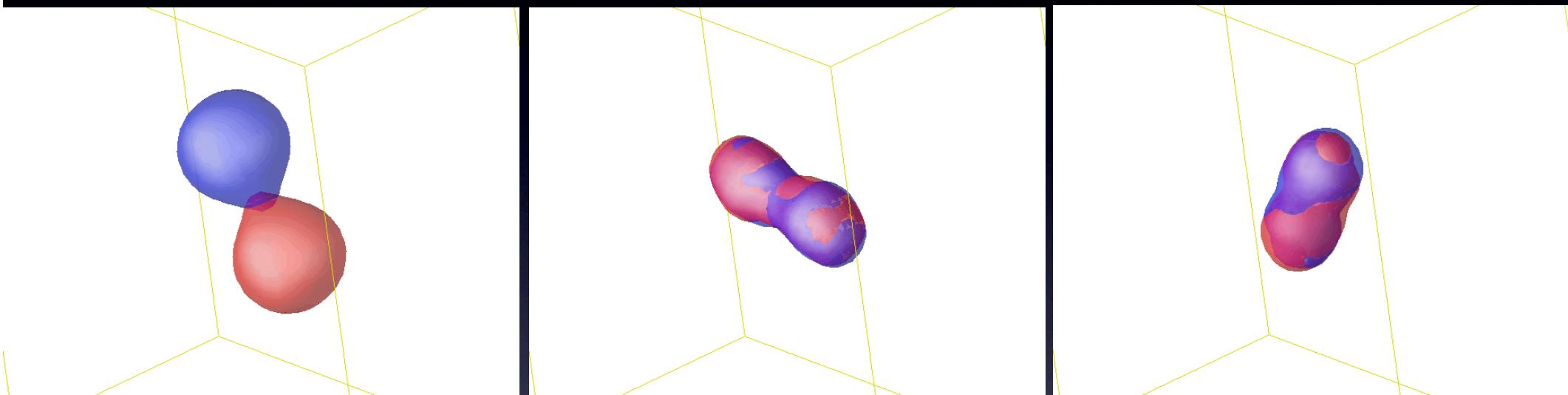
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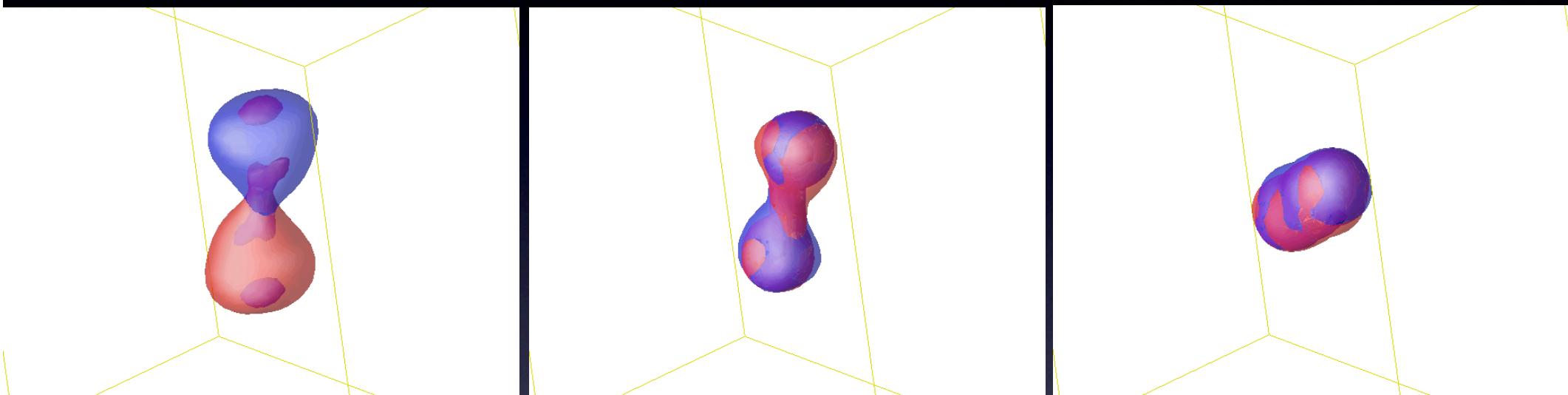
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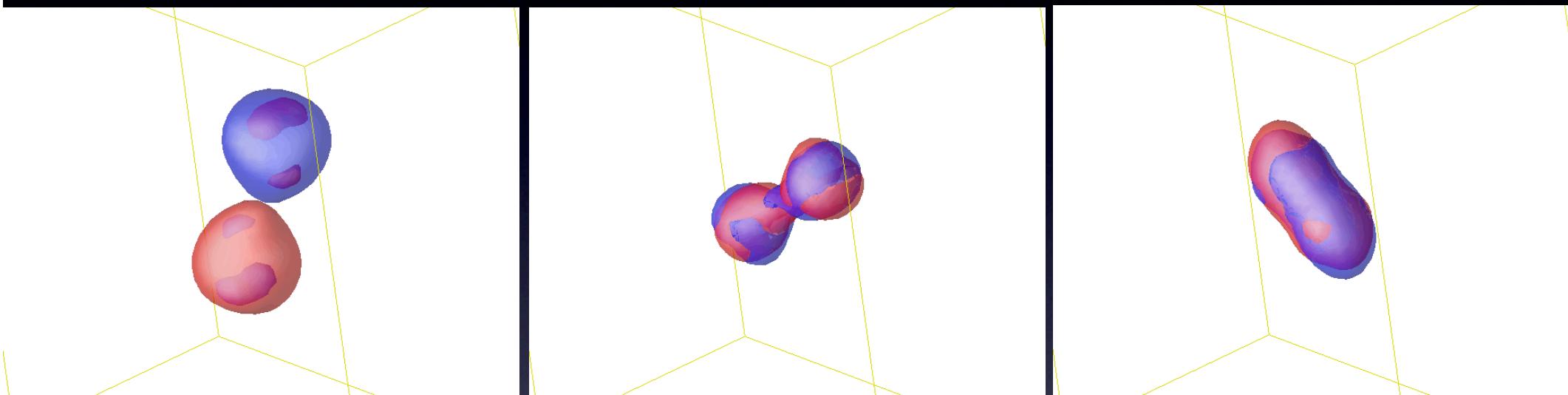
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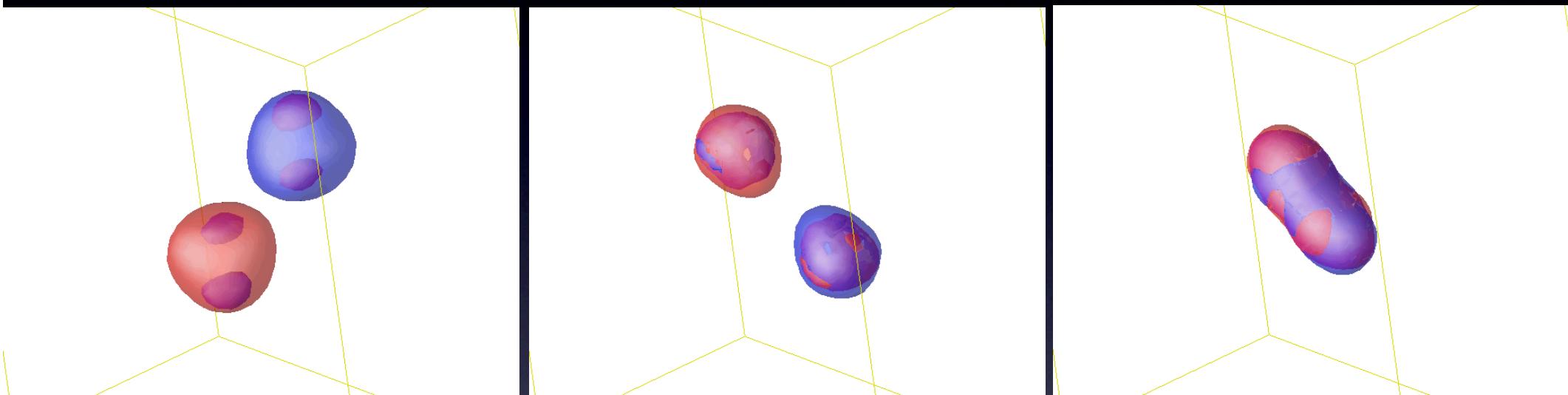
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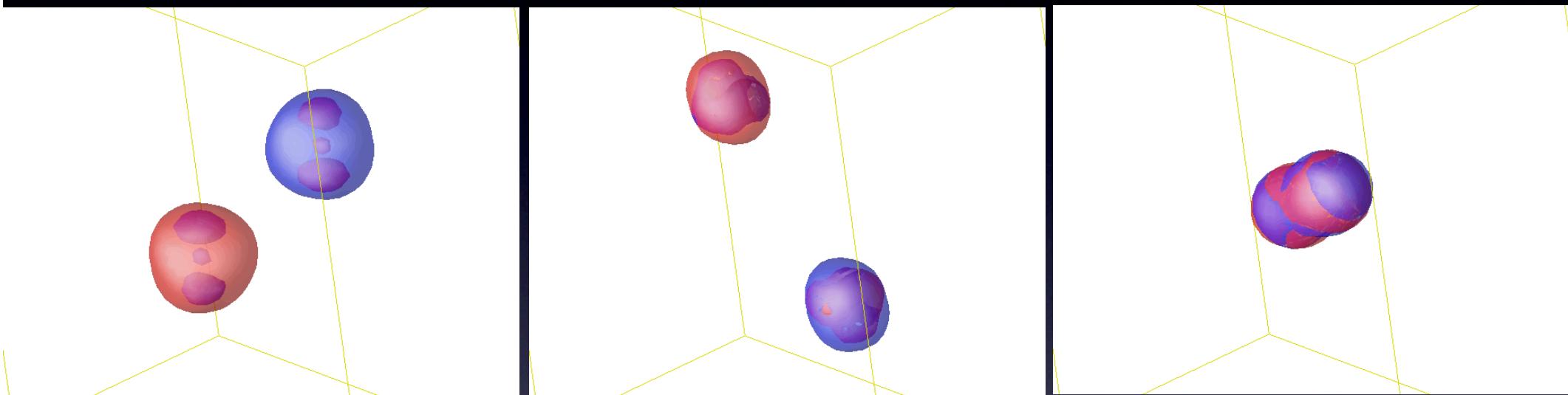
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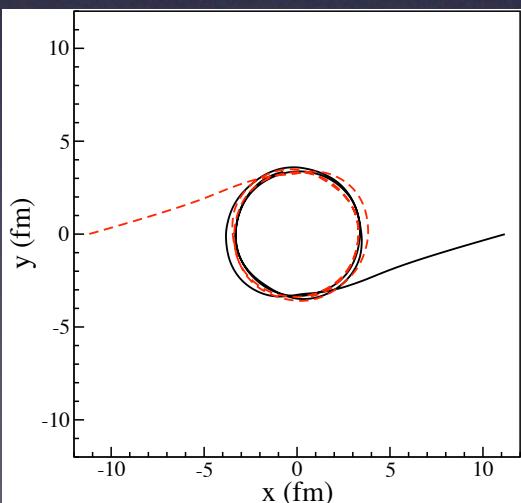
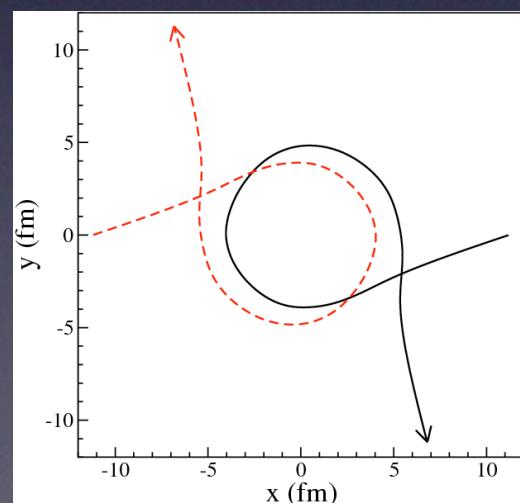
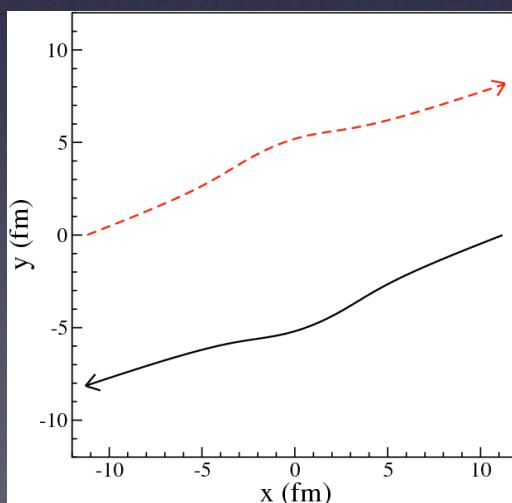
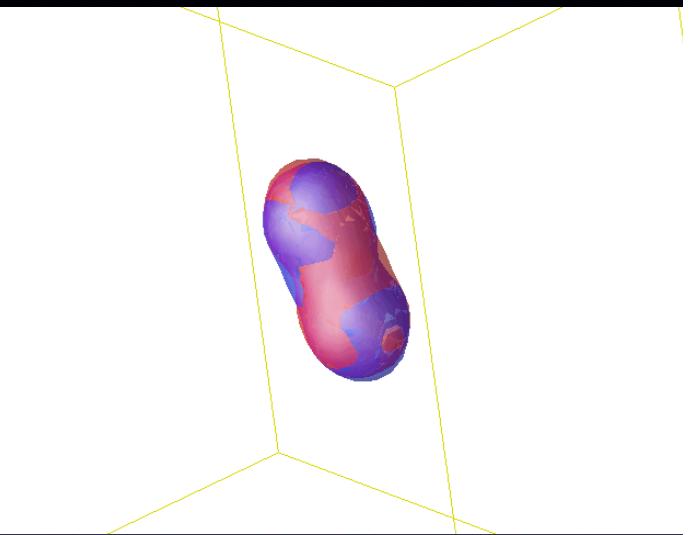
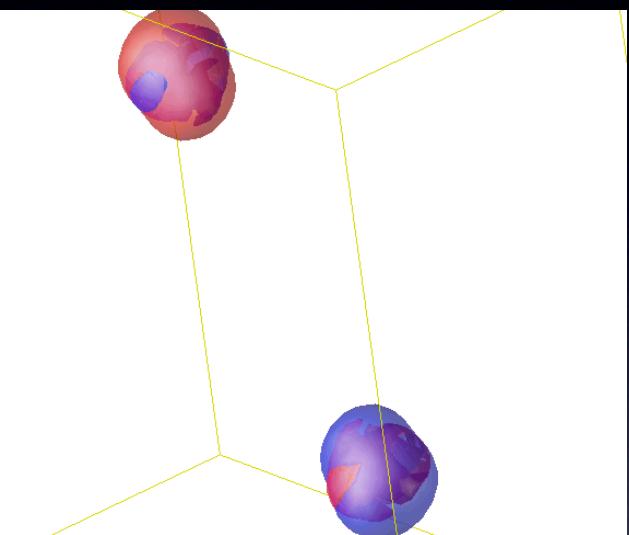
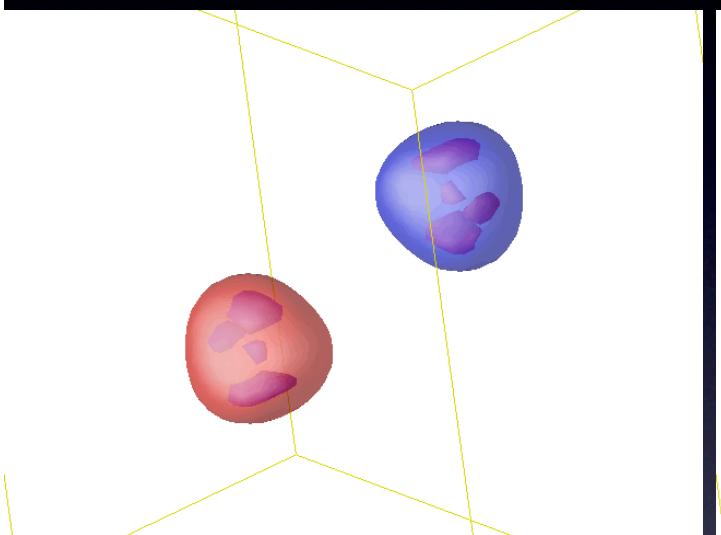
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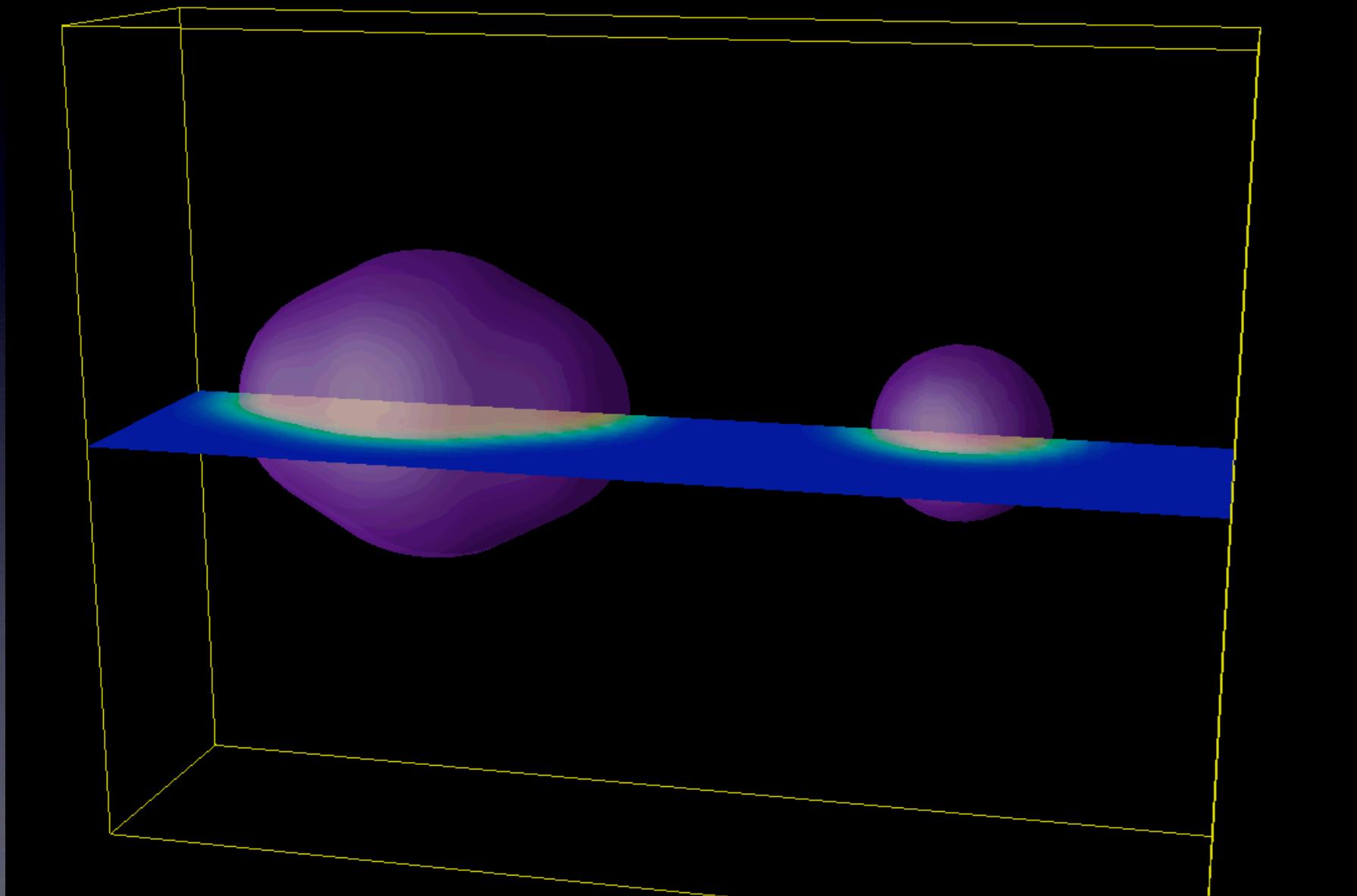
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$L=60\hbar$



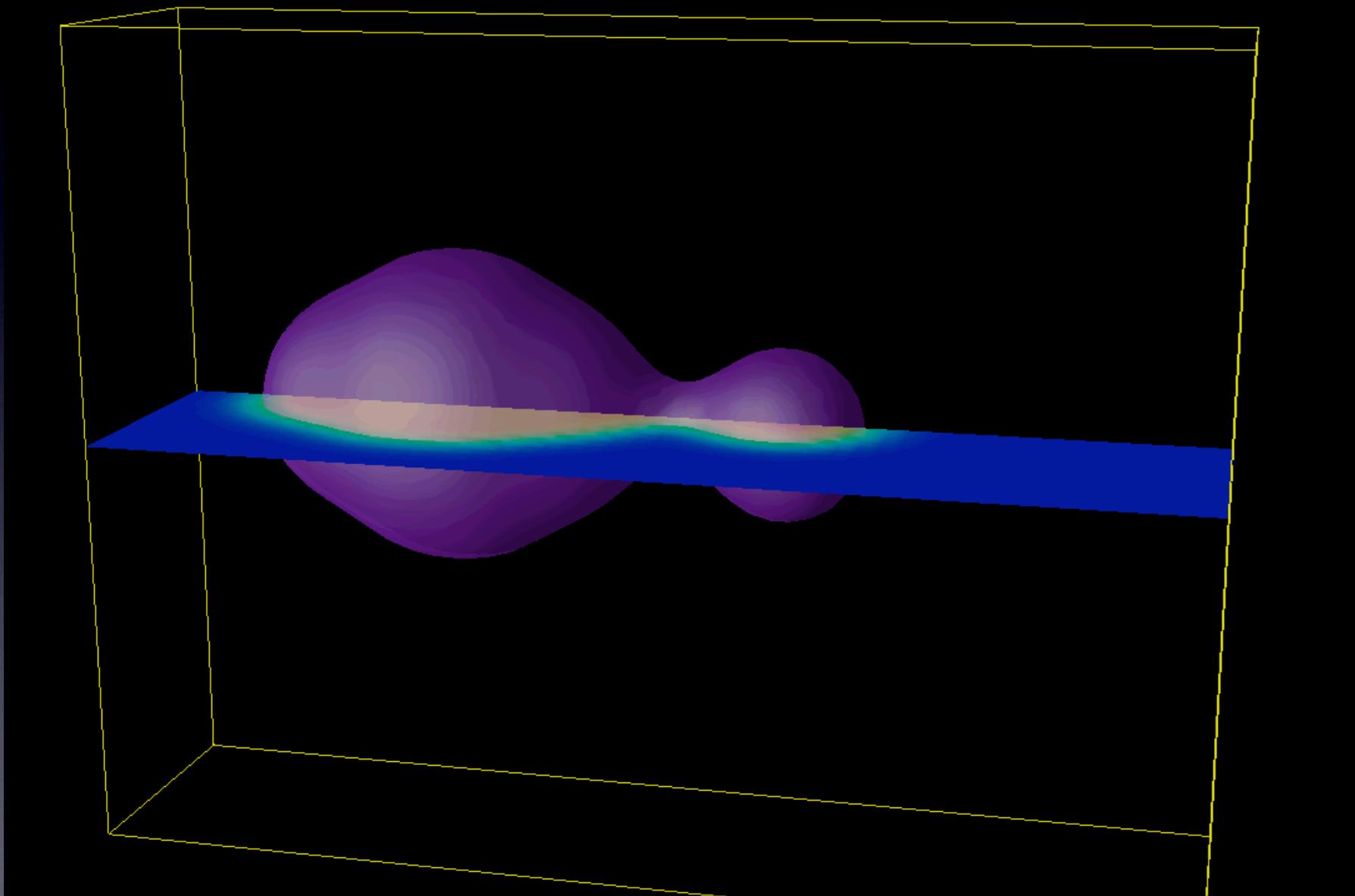
Counting the particles in microscopic systems

$^{238}\text{U} + ^{40}\text{Ca}$ $E_{\text{cm}} = 1.04 \text{ B}_{\text{prox}}$ $L=10\hbar$



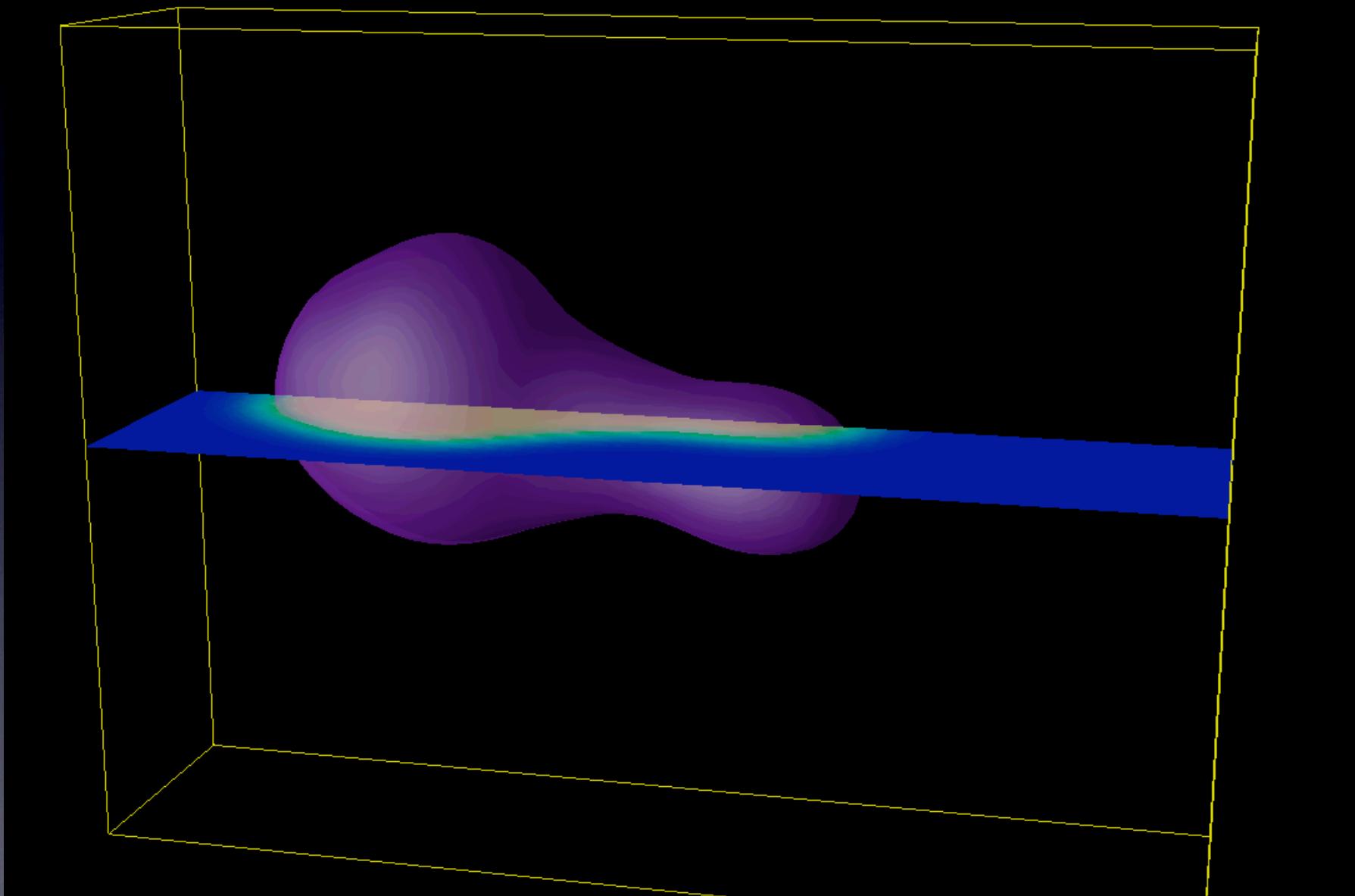
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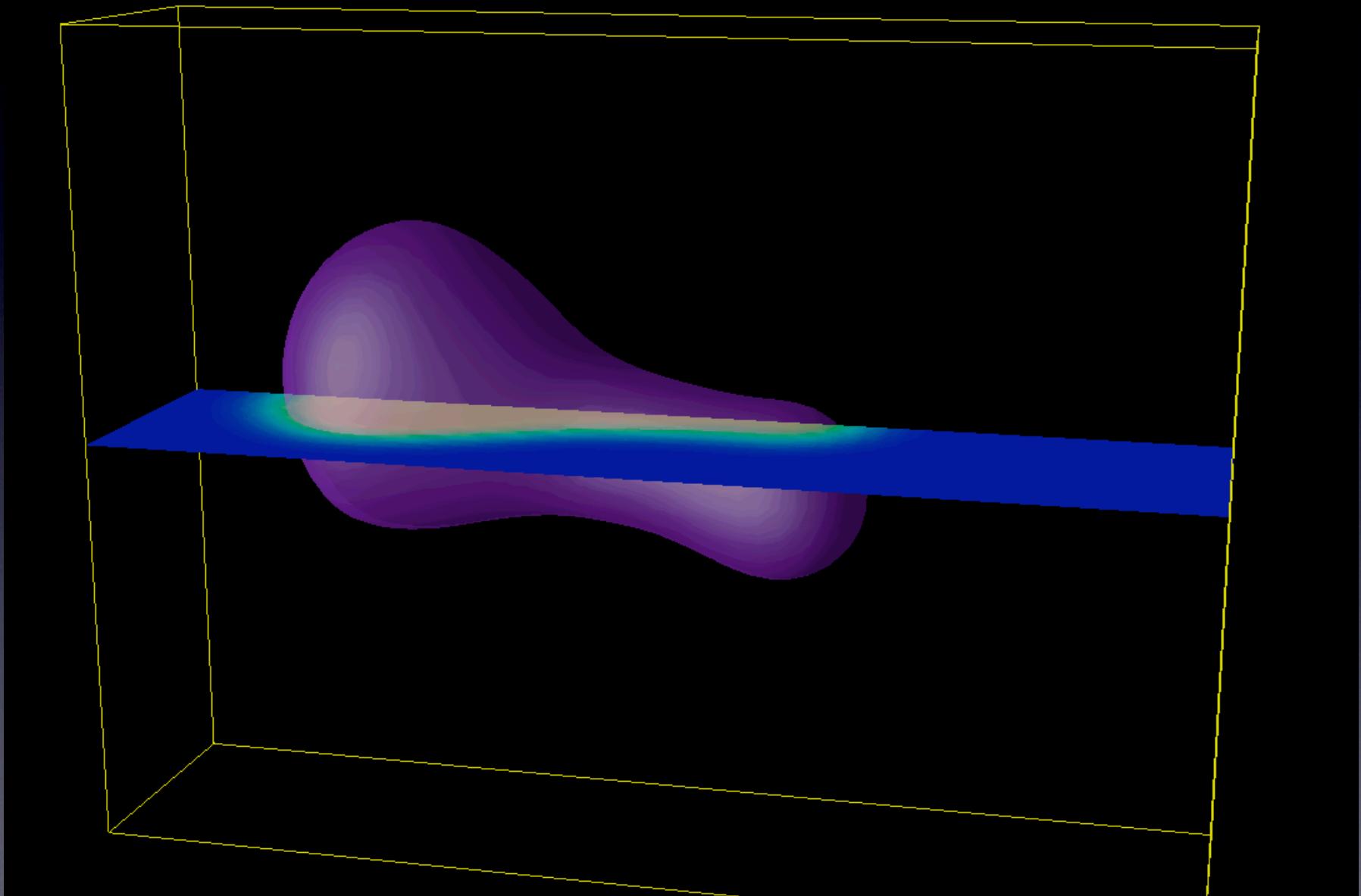
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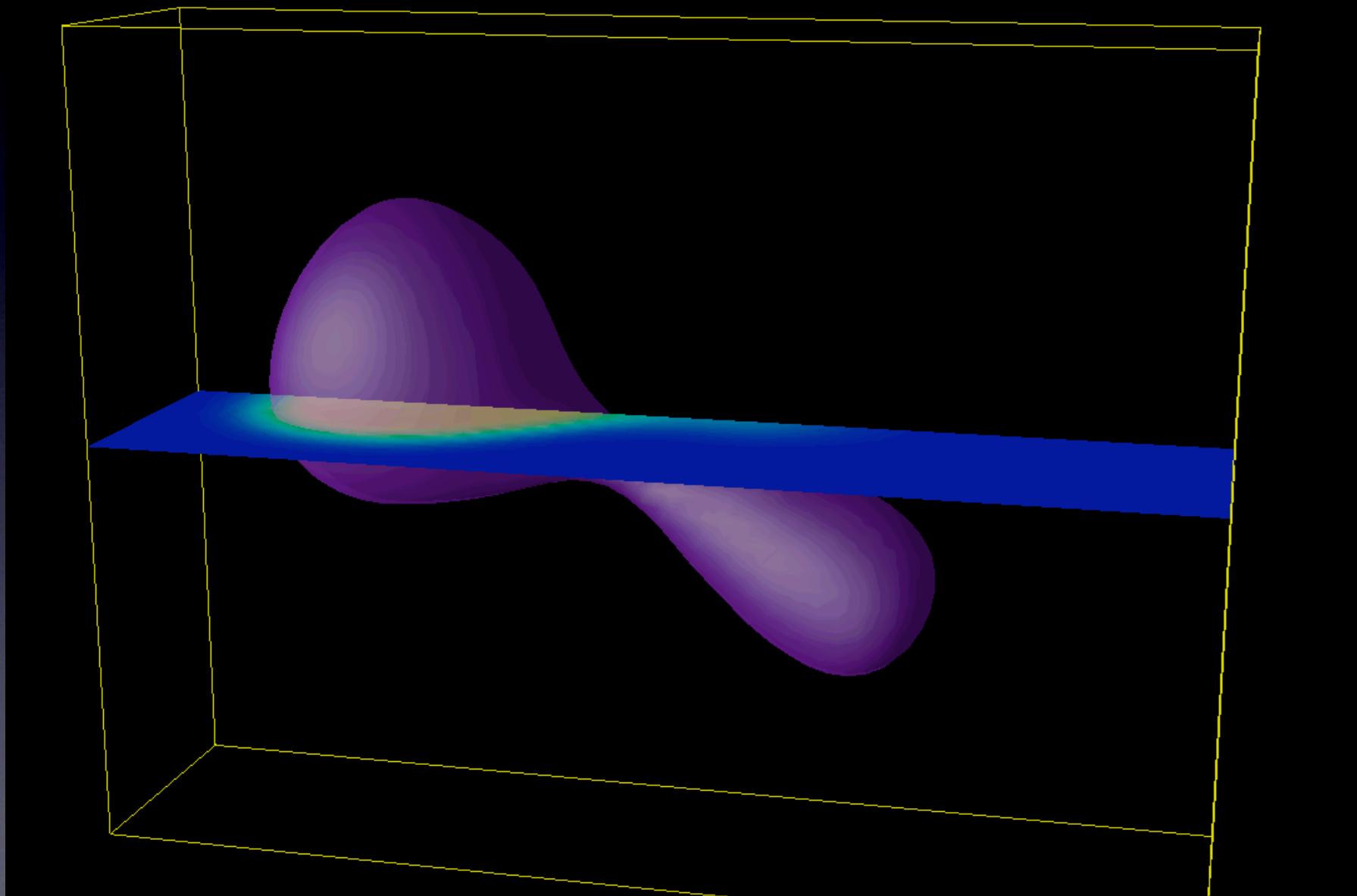
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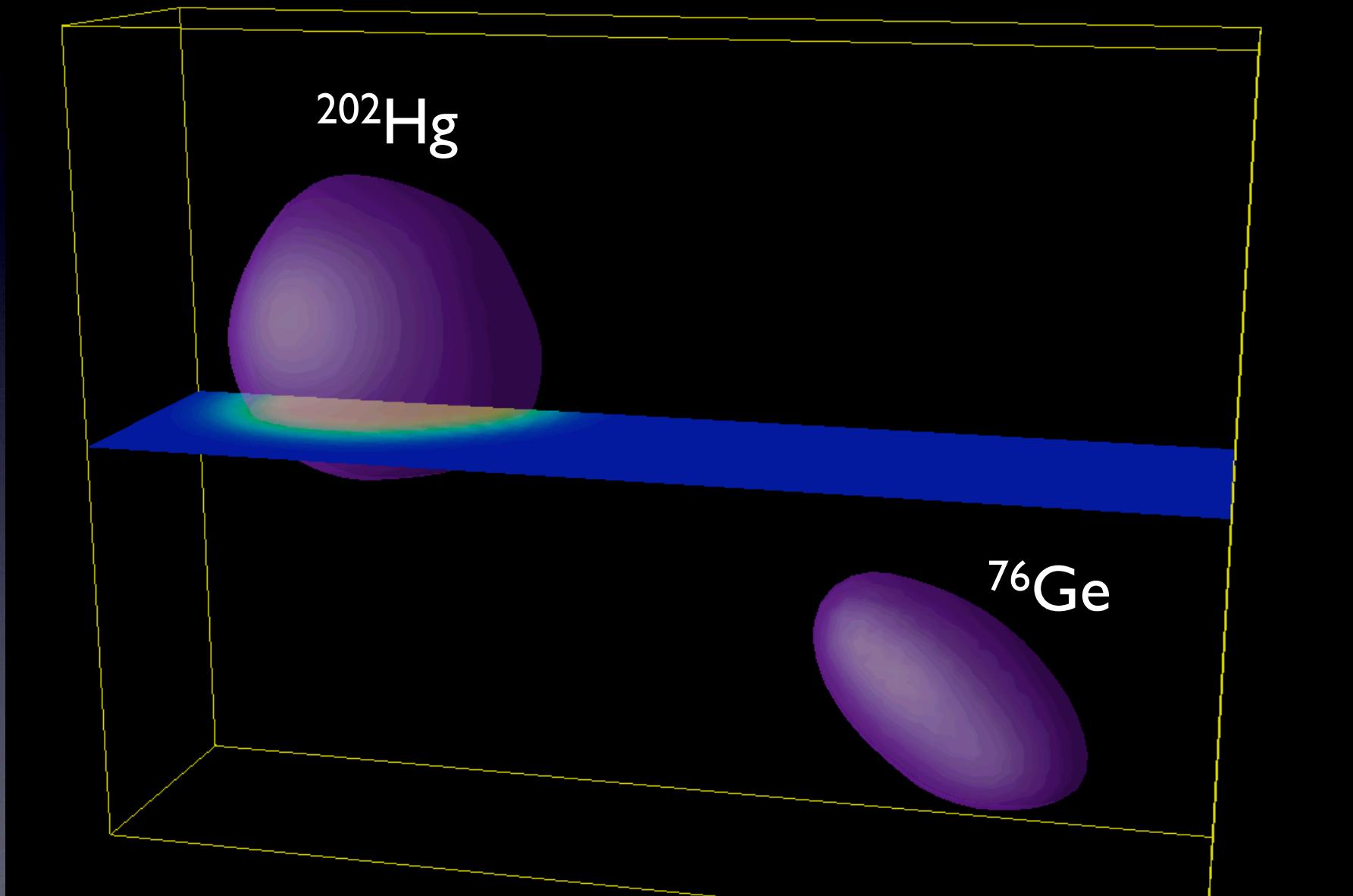
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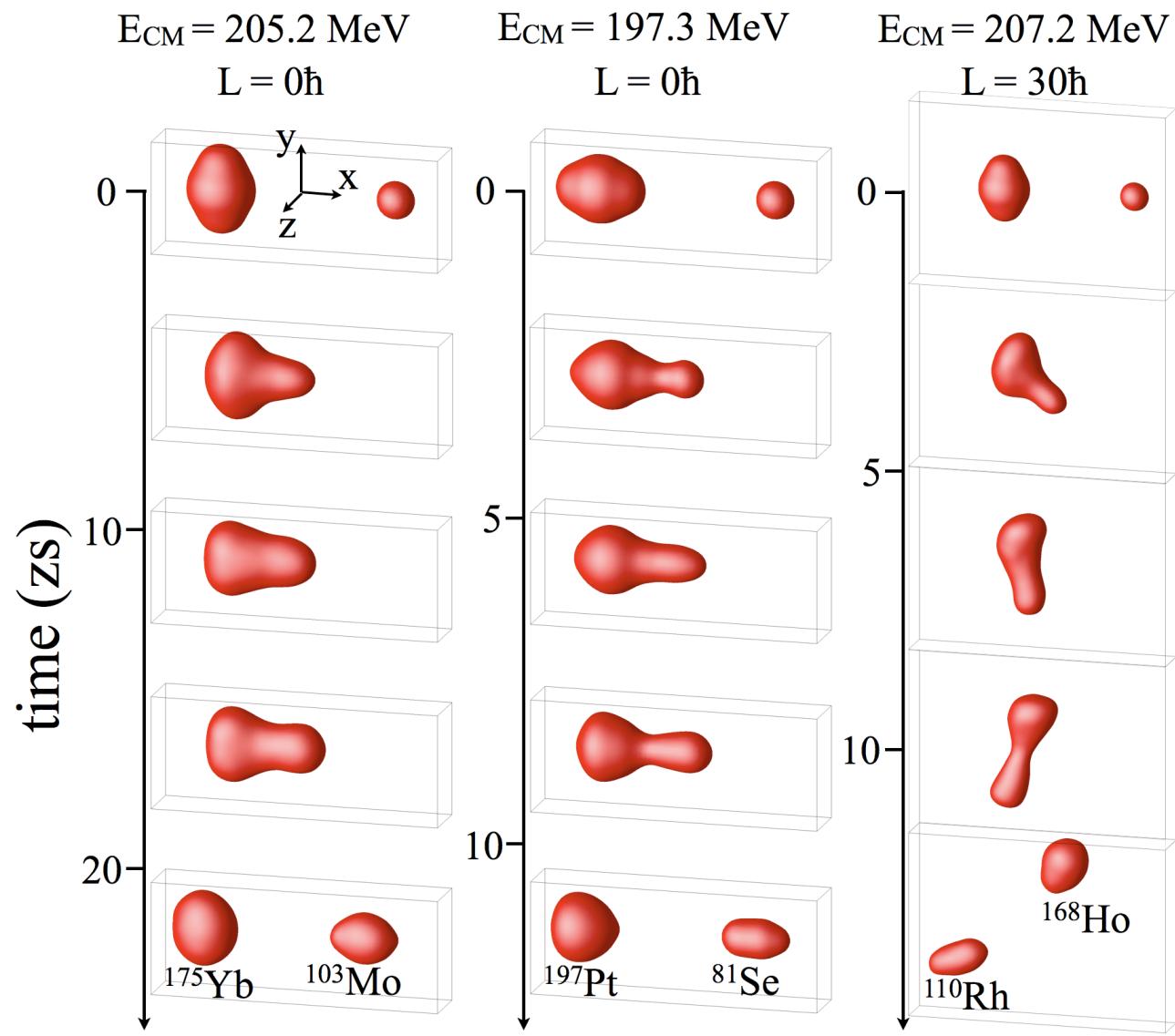
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Counting the particles in microscopic systems

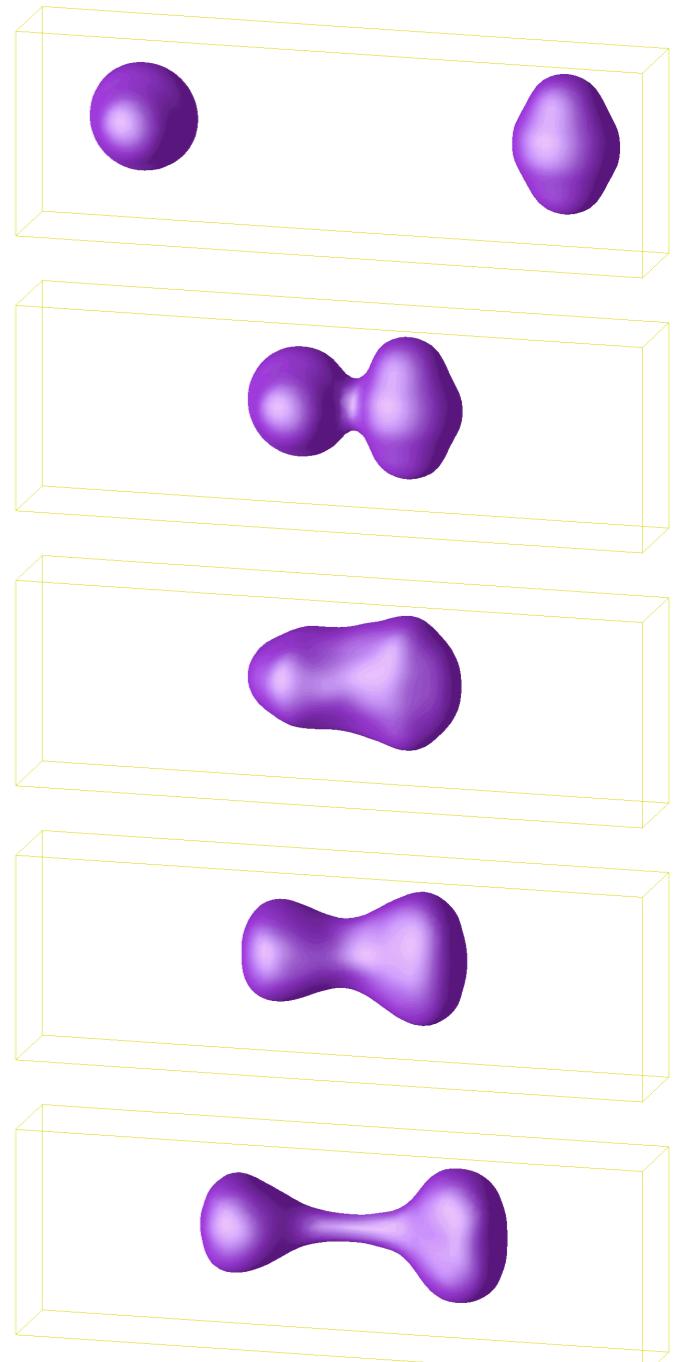
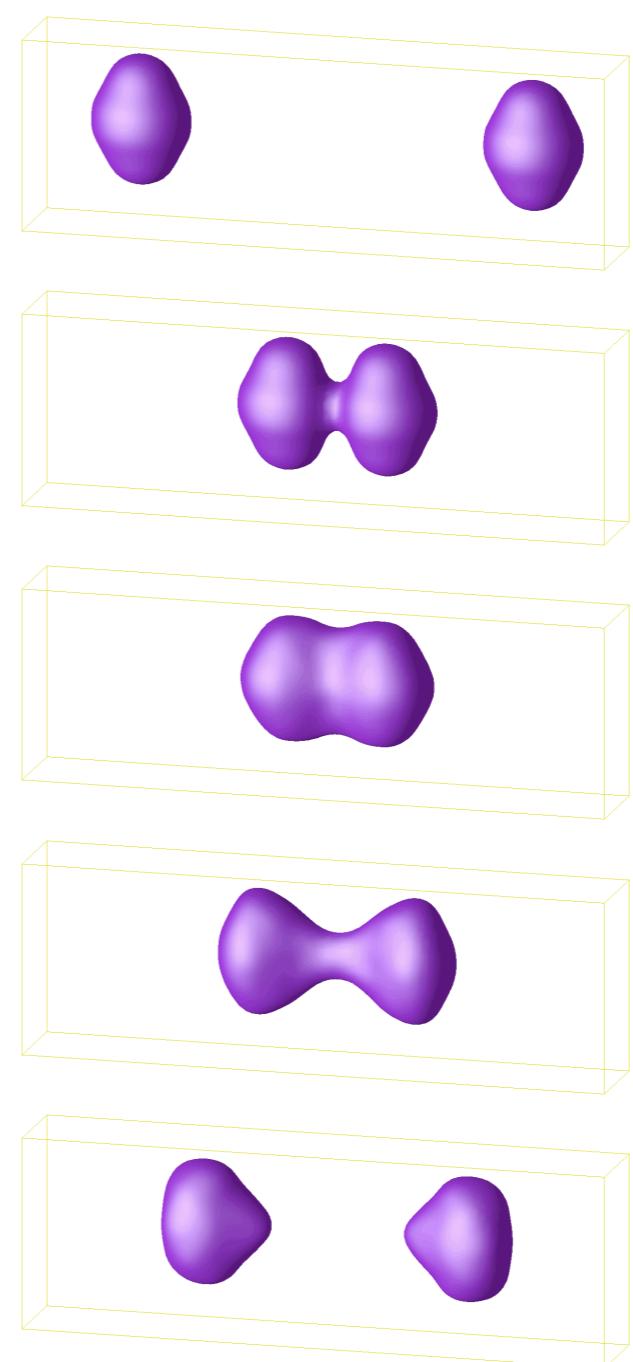
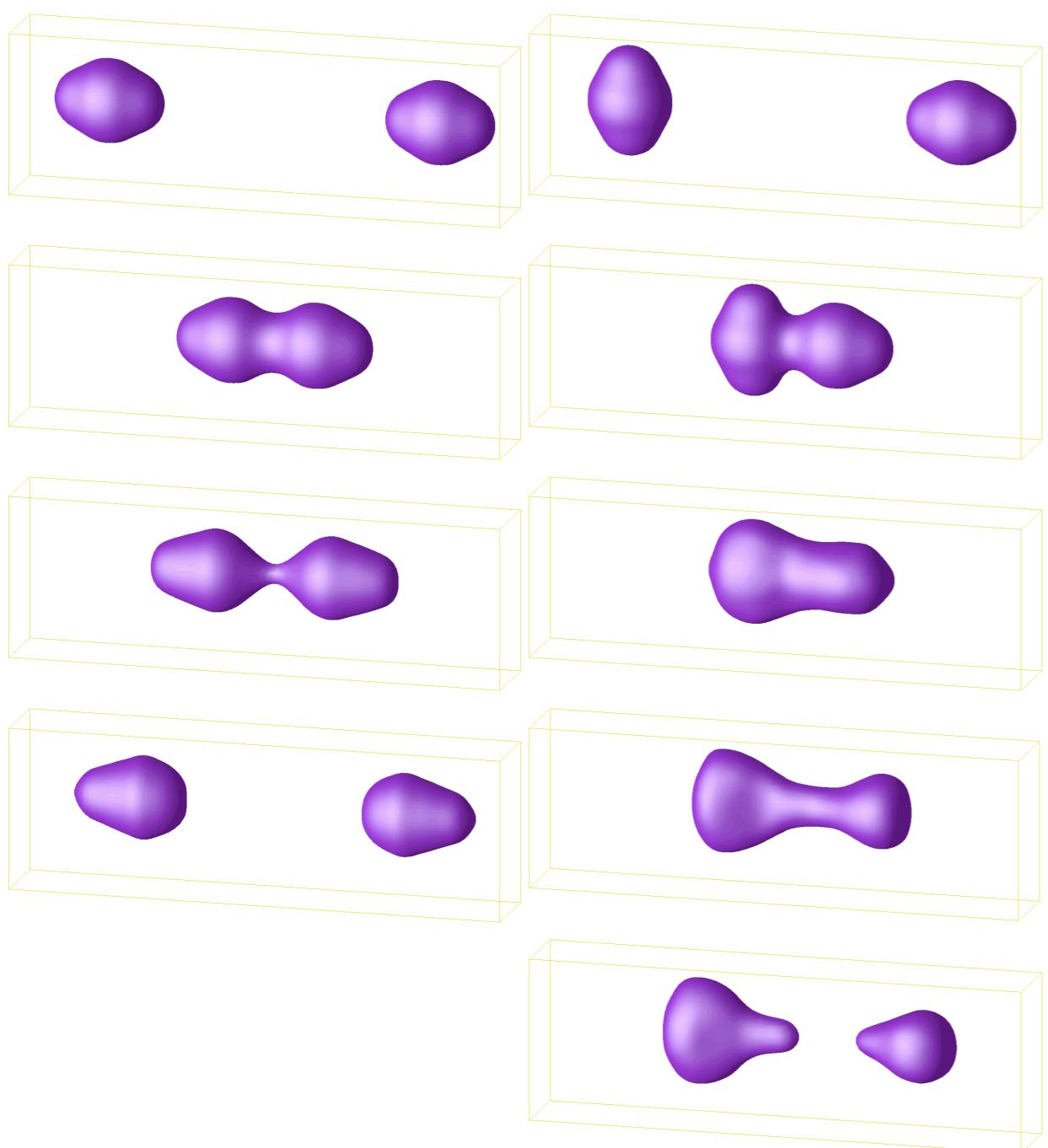
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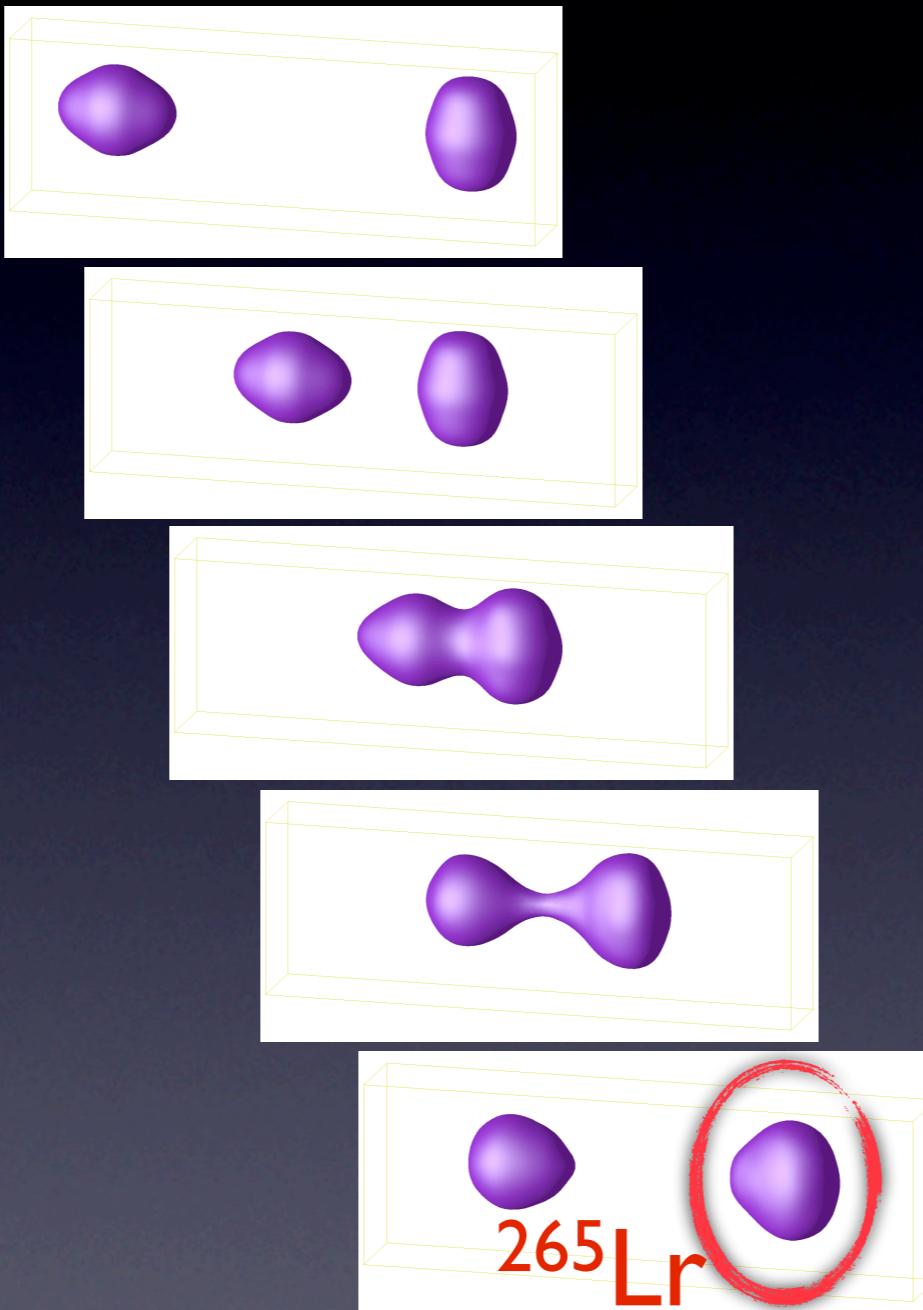
$^{238}\text{U} + ^{238}\text{U}$:

$E_{\text{CM}} = 1200 \text{ MeV}$



Actinide collisions for SHE

$^{232}Th + ^{250}Cf$ $E_{cm} = 916$ MeV



C. Golabek and C.S., PRL 2009

D. Kedziora and C.S., PRC 2010

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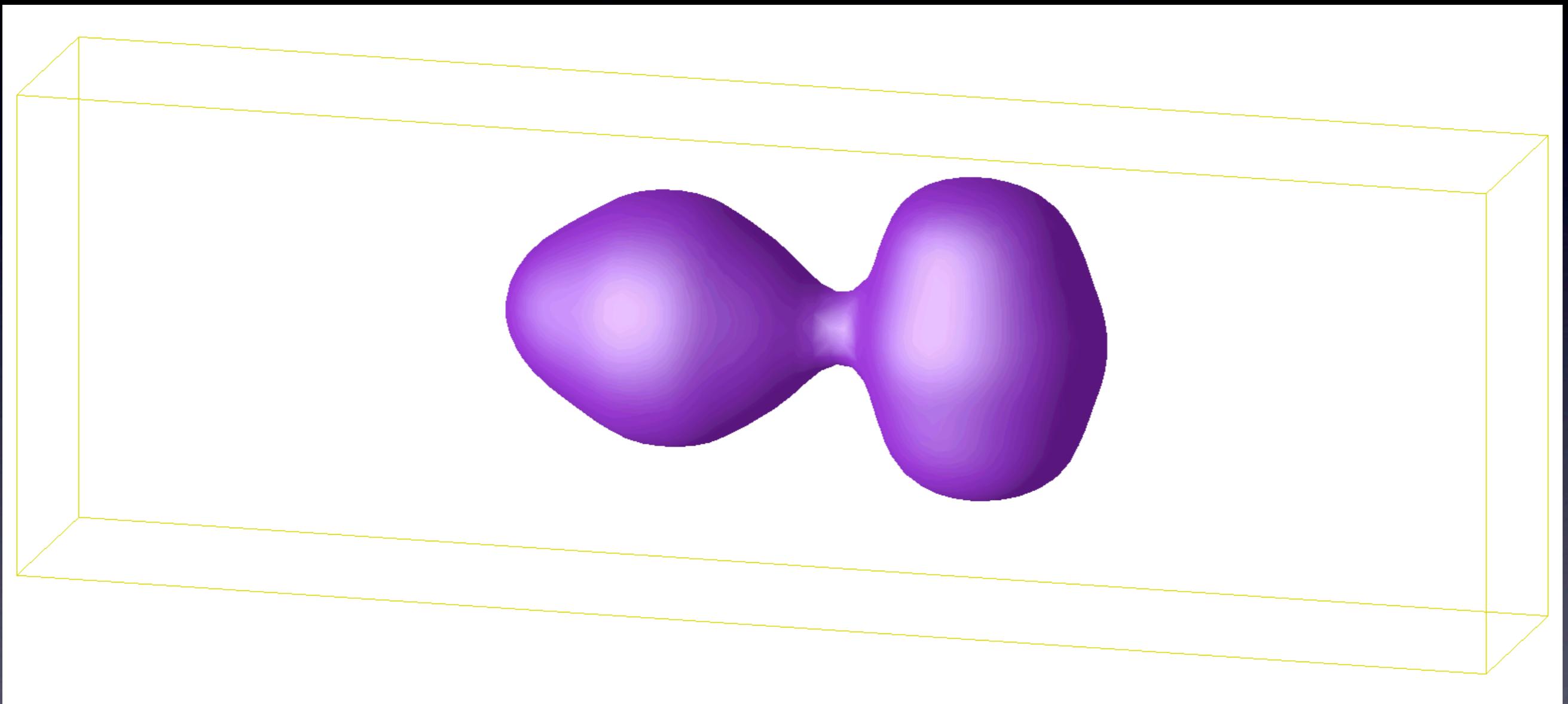


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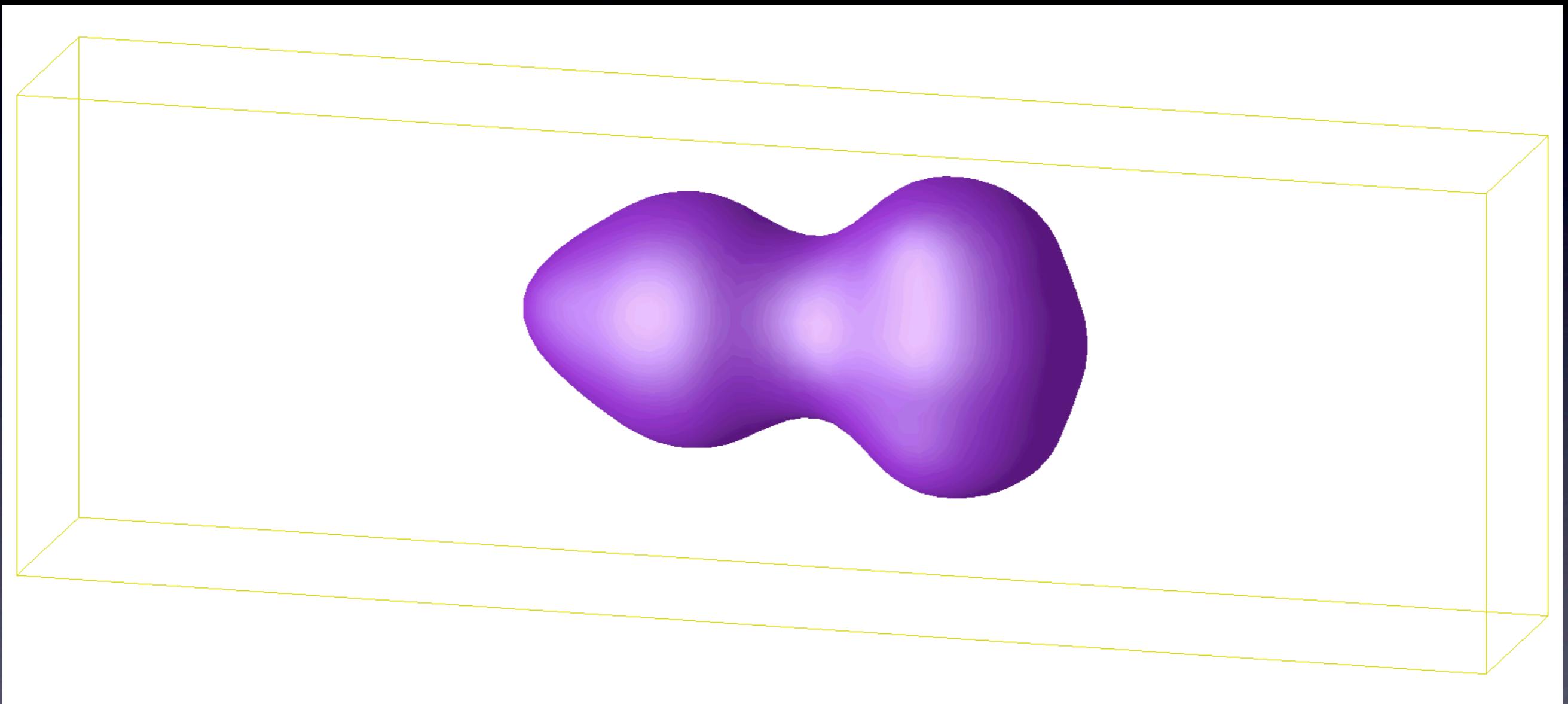


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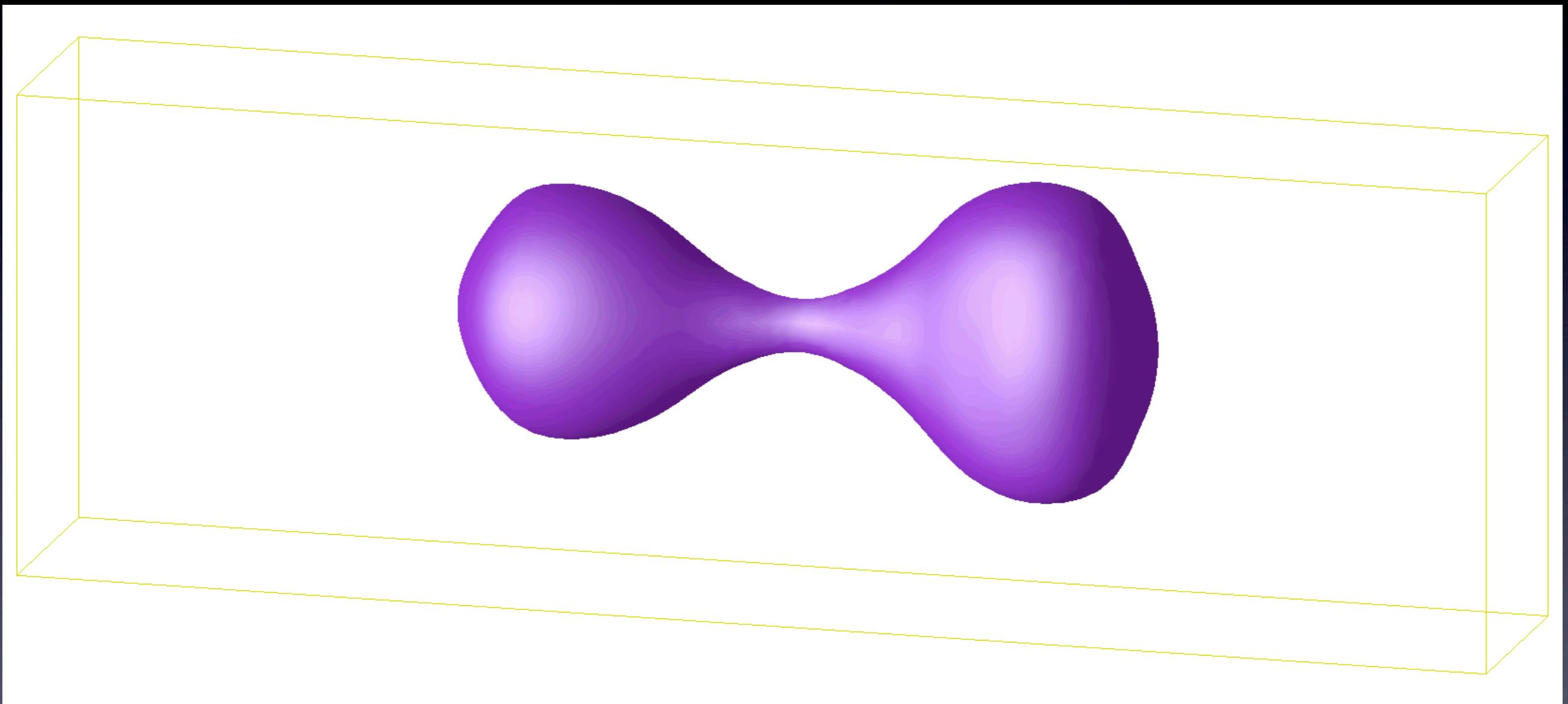


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